| FEE TRANSMITTAL  Applicant claims small entity status. See 37 CFR 1.27  |                                      |                     |                 | Complete if Known  |           |                           |                               |  |
|---|--------------------------------------|---------------------|-----------------|--|-----------|---------------------------|-------------------------------|--|
|   |                                      |                     |                 | Application Number 08/928,272                            |           |                           |                               |  |
|   |                                      |                     |                 |  | 9/12/1997 | <u> </u>                  |                               |  |
|   |                                      |                     |                 | Filing Date 9/12/1997 First Named Inventor Michael Iskra |           |                           |                               |  |
|   |                                      |                     |                 | 111011111111111111111111111111111111111                  |           | larette Matter            |                               |  |
|   |                                      |                     |                 | Art Unit 3771  |           |                           |                               |  |
| TOTAL AMOUNT OF PAYMENT (\$) 1,240.00   |                                      |                     |                 | orney Docket   |           | 2985 (P-3818)             |                               |  |
|   |                                      |                     |                 |  |           |                           |                               |  |
| METHOD OF PAYMENT (check all that apply)  |                                      |                     |                 |  |           |                           |                               |  |
| Check Credit Card Money Order Other (please identify):  |                                      |                     |                 |  |           |                           |                               |  |
| Deposit Account Deposit Account Number: 23-0650 Deposit Account Name:   |                                      |                     |                 |  |           |                           |                               |  |
| For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)  |                                      |                     |                 |  |           |                           |                               |  |
| Charge fee(s) indicated below  Charge fee(s) indicated below, except for the filing fee  Charge any additional fee(s) or underpayments of fee(s)  Credit any overpayments |                                      |                     |                 |  |           |                           |                               |  |
| warning: Information on this form may become public. Credit card information should not be included on this form. Provide credit card                                     |                                      |                     |                 |  |           |                           |                               |  |
| information and authorization on PTO-2038.  FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)                                    |                                      |                     |                 |  |           |                           |                               |  |
|   |                                      |                     |                 |  |           |                           |                               |  |
| 1. BASIC FILING, SEARCH, AND EXAMINATION FEES FILING FEES SEARCH FEES EXAMINATION FEES  |                                      |                     |                 |  |           |                           |                               |  |
|   |                                      |                     | Small Enti      |  |           |                           |                               |  |
| Application Type I  | Fee (\$) Fee                         |                     | _               |  | Fee (\$)  | Fees P                    | <u>aid (\$)</u>               |  |
| Utility   | 380 9                                | 5 620               | 310             | 250  | 125       |                           |                               |  |
| Design  | 250 12                               | 25 120              | 60              | 160  | 80        |                           |                               |  |
| Plant   | 250 12                               | 25 380              | 190             | 200  | 100       |                           | <del></del>                   |  |
| Reissue   | 380 19                               | 00 620              | 310             | 750  | 375       |                           |                               |  |
| Provisional   | 250 12                               | 25 0                | 0               | 0  | 0         |                           |                               |  |
| 2. EXCESS CLAIM FEES  |                                      |                     |                 |  |           |                           | Small Entity                  |  |
| Fee Description   |                                      |                     |                 |  |           | Fee (\$)                  | <u>Fee (\$)</u>               |  |
| Each claim over 20 (including Reissues) 60  |                                      |                     |                 |  |           |                           | 30                            |  |
| Each independent claim over 3 (including Reissues)  |                                      |                     |                 |  |           | 250                       | 125                           |  |
| Multiple dependent claims   |                                      |                     |                 |  |           | 450                       | 225                           |  |
| Total Claims - 20   | or HP E                              | xtra Claims         | <u>Fee (\$)</u> | Fee Paid (\$)  |           | Multiple D<br>Fee (\$)    | ependent Claims Fee Paid (\$) |  |
| HP = highest number of tota   | al claims paid for,                  | if greater than 20. |                 |  | •         | <u> </u>                  | i co i uia (o)                |  |
| Indep. Claims - 3 o   |                                      | xtra Claims         | Fee (\$)        | Fee Paid (\$)  |           |                           |                               |  |
|   |                                      | X                   |                 | =  | •         |                           |                               |  |
| HP = highest number of independent claims paid for, if greater than 3.  3. APPLICATION SIZE FEE   |                                      |                     |                 |  |           |                           |                               |  |
| If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under  |                                      |                     |                 |  |           |                           |                               |  |
| 37 CFR 1.52(e)), the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof.  |                                      |                     |                 |  |           |                           |                               |  |
| See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)                          |                                      |                     |                 |  |           |                           |                               |  |
| - 100 = /50 = (round up to a whole number) x =  |                                      |                     |                 |  |           |                           |                               |  |
| 4. OTHER FEE(S)   |                                      |                     |                 |  |           |                           | Fees Paid (\$)                |  |
| Non-English Specification, \$130 fee (no small entity discount)   |                                      |                     |                 |  |           |                           |                               |  |
| Other (e.g., late filing surcharge): Request for Oral Hearing   |                                      |                     |                 |  |           |                           | 1,240                         |  |
| SUBMITTED BY  |                                      |                     |                 |  |           |                           |                               |  |
|   | . 51                                 | ~/ · ·              |                 | Registration No  |           | m 1 1 '                   | 10 471 0015                   |  |
| Signature   | Yara Julius Queen (Attorney/Agent) 5 |                     |                 |  |           | 72 Telephone 412-471-8815 |                               |  |
| Name (Print/Type) I   | e) Lara Northrop Queen               |                     |                 |  |           | Date March 27, 2012       |                               |  |